

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

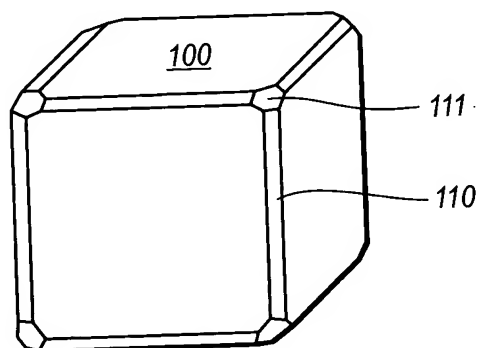
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

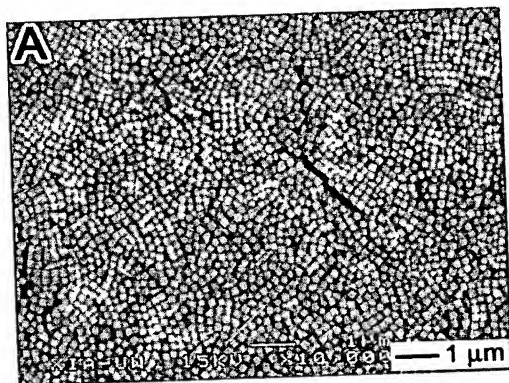
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

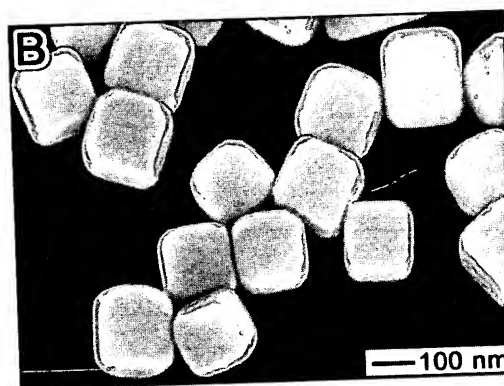
**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



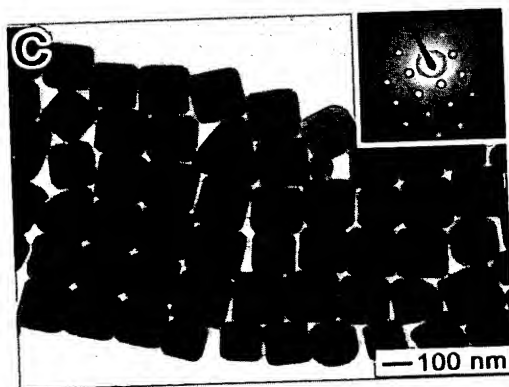
**Fig. 1**



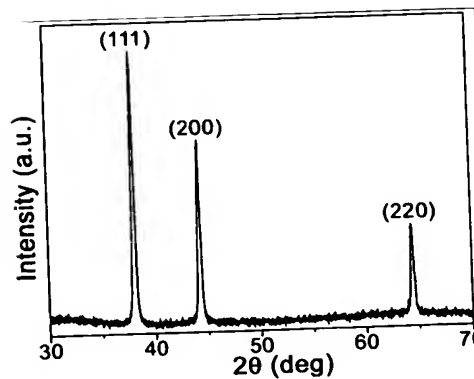
**Fig. 2A**



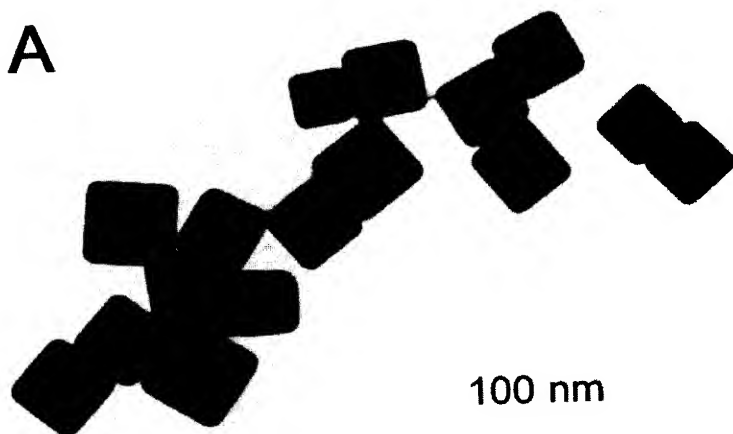
**Fig. 2B**



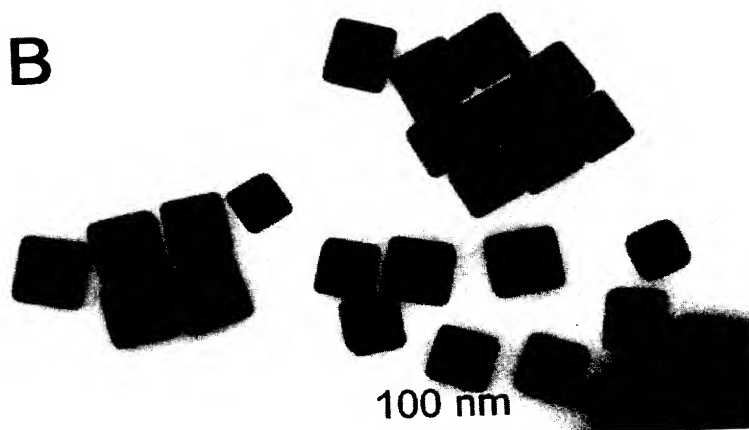
**Fig. 2C**



**Fig. 2D**



*Fig. 3A*

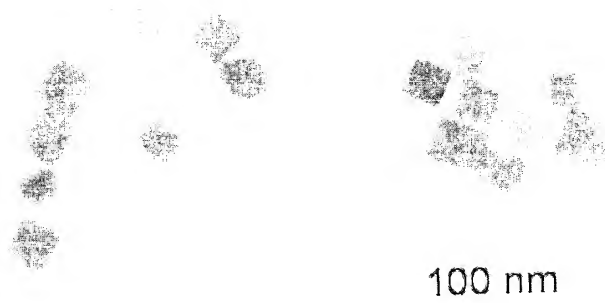


*Fig. 3B*

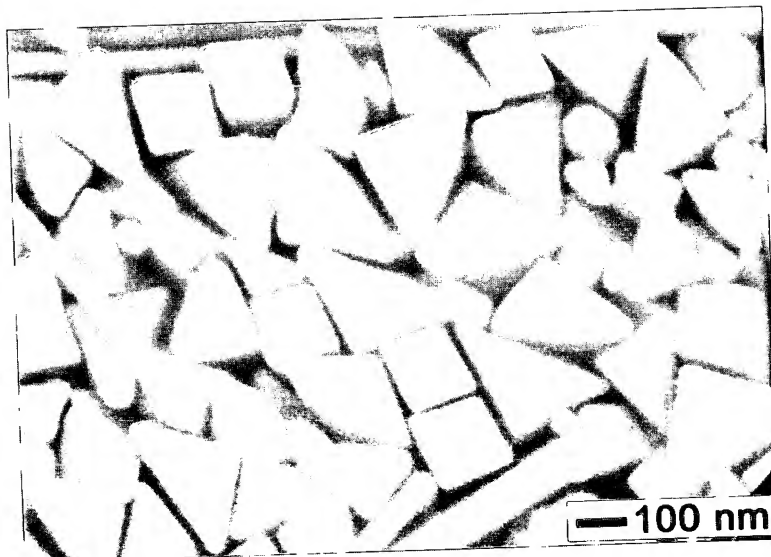


Title: METHODS OF NANOSTRUCTURE FORMATION AND SHAPE SELECTION  
Inventors: Younan Xia and Yugan Sun  
Docket No.: 53433/2 Serial No.: 10/732,910 Filed: 12/09/2003  
REPLACEMENT SHEET

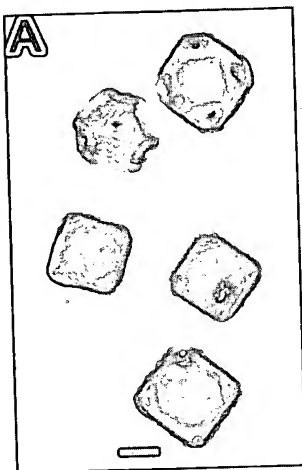
3 / 26



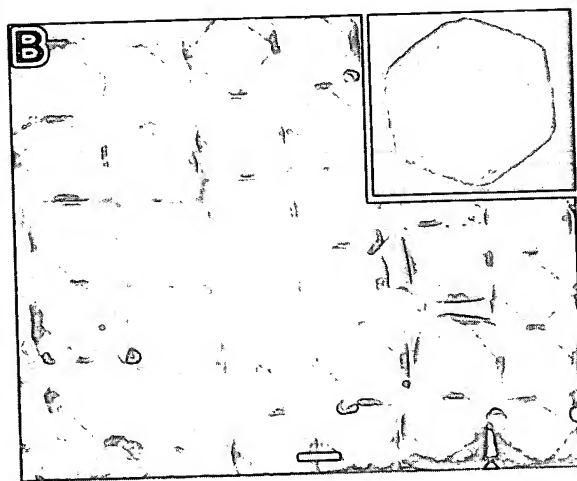
**Fig. 4**



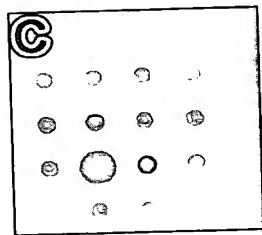
**Fig. 5**



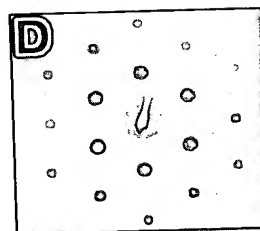
**Fig. 6A**



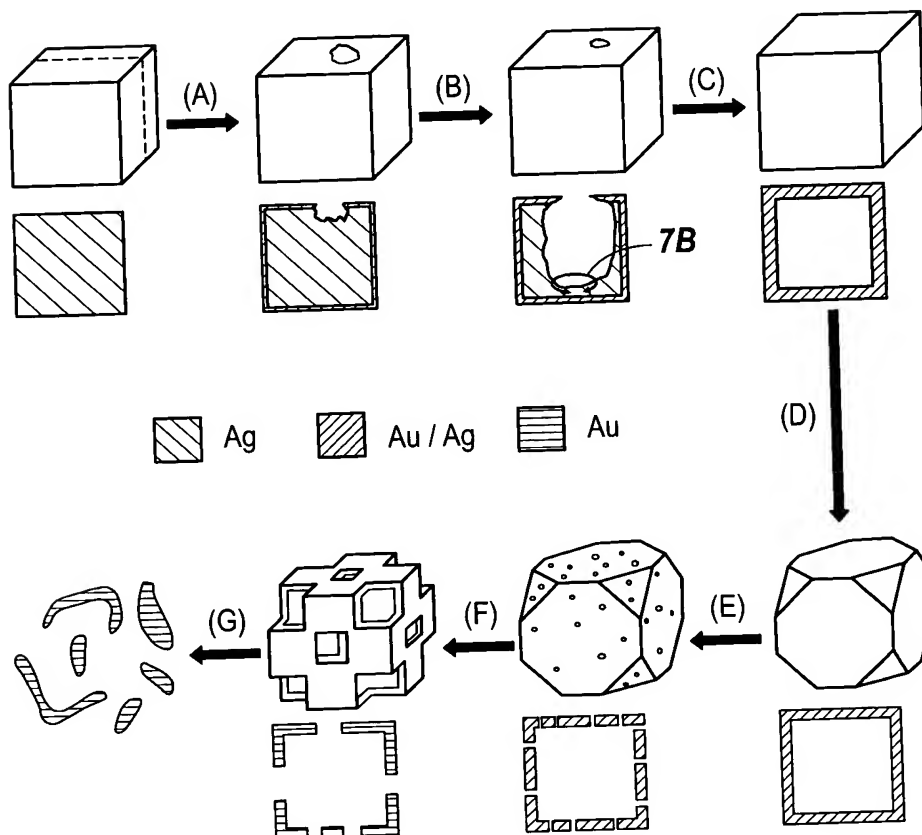
**Fig. 6B**



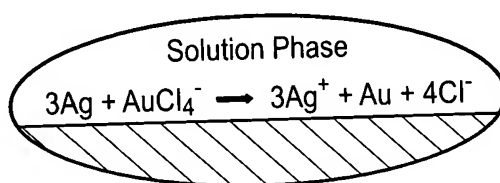
**Fig. 6C**



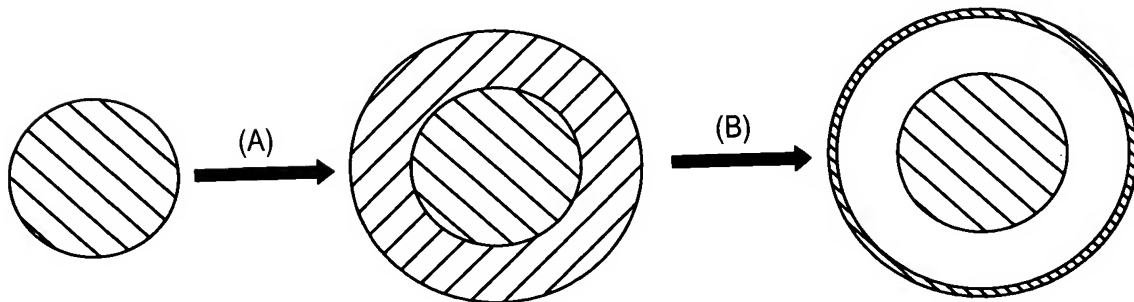
**Fig. 6D**



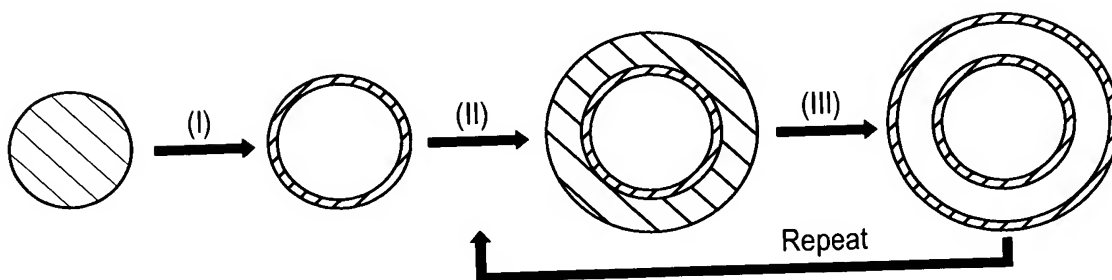
**Fig. 7A**



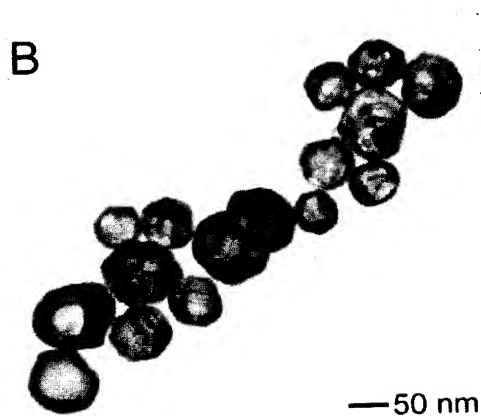
**Fig. 7B**



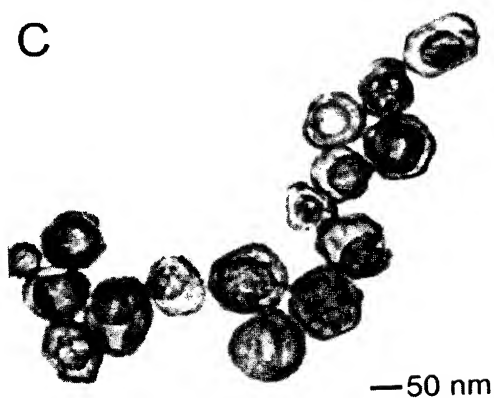
**Fig. 8**



**Fig. 9A**



**Fig. 9B**



**Fig. 9C**



**Fig. 9D**

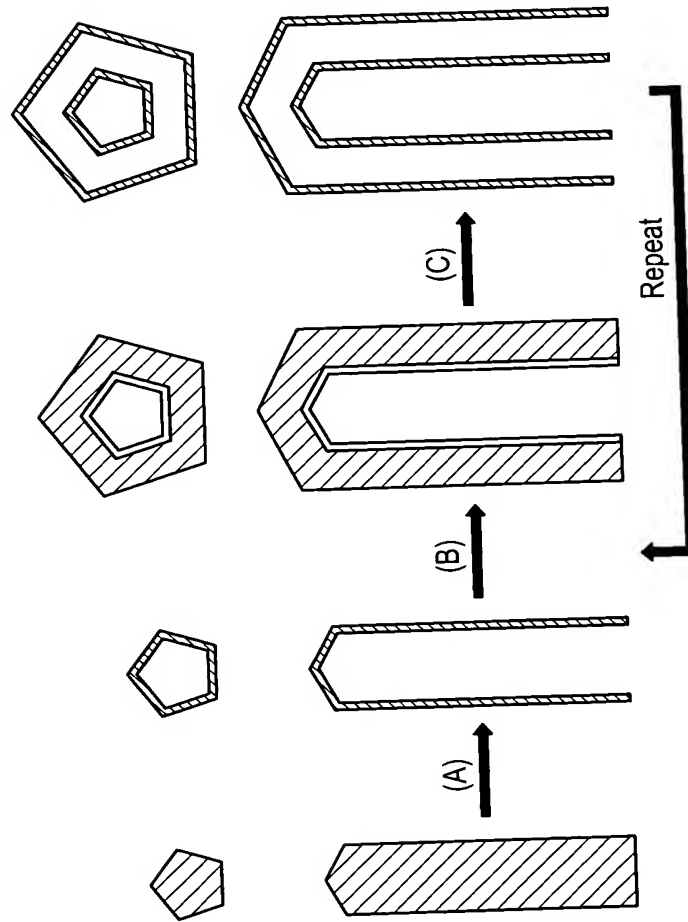
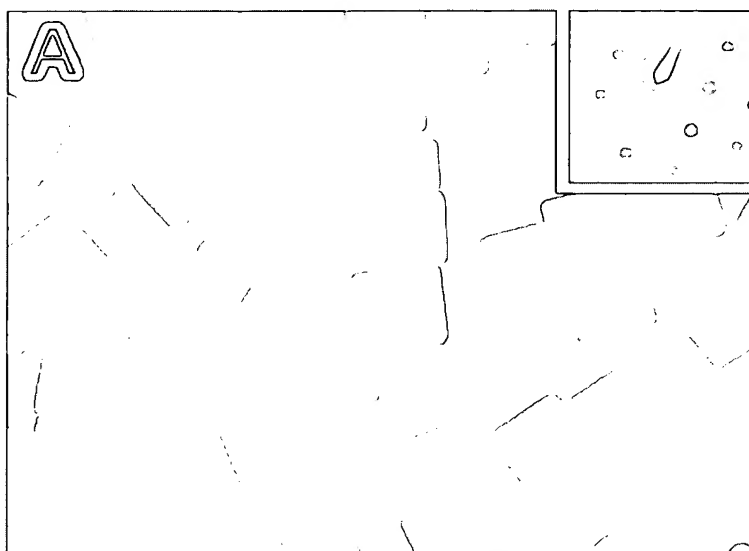


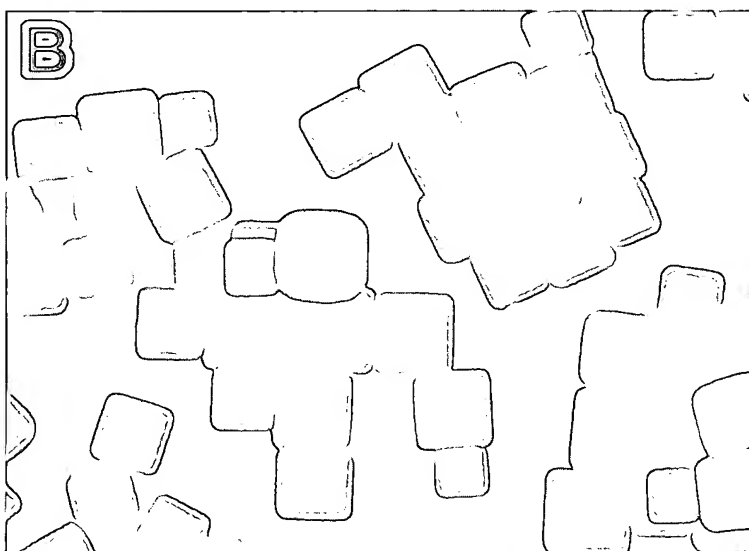
Fig. 10





—100 nm

*Fig. 11A*



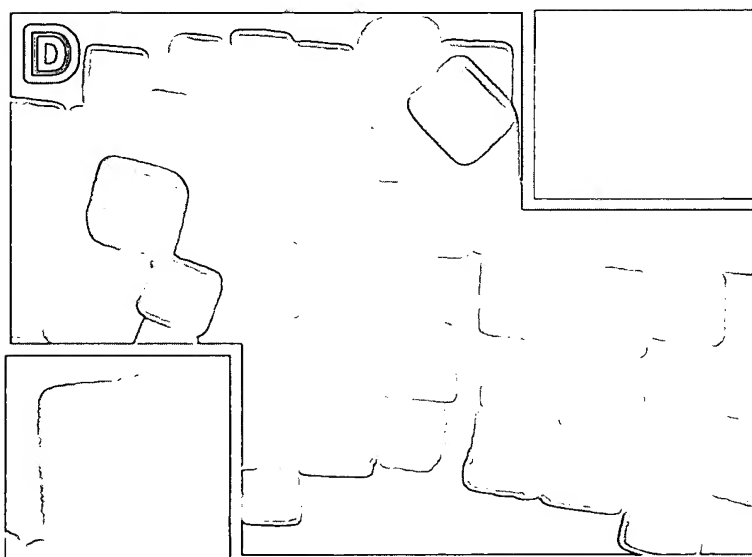
—100 nm

*Fig. 11B*



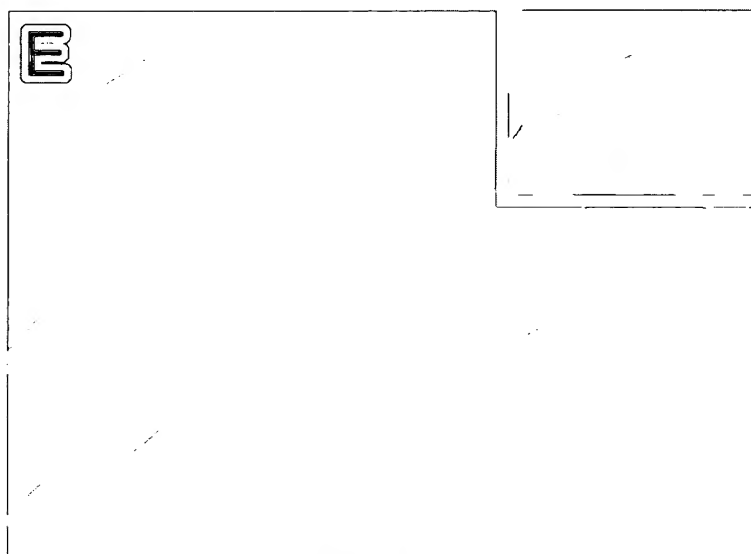
—100 nm

*Fig. 11C*



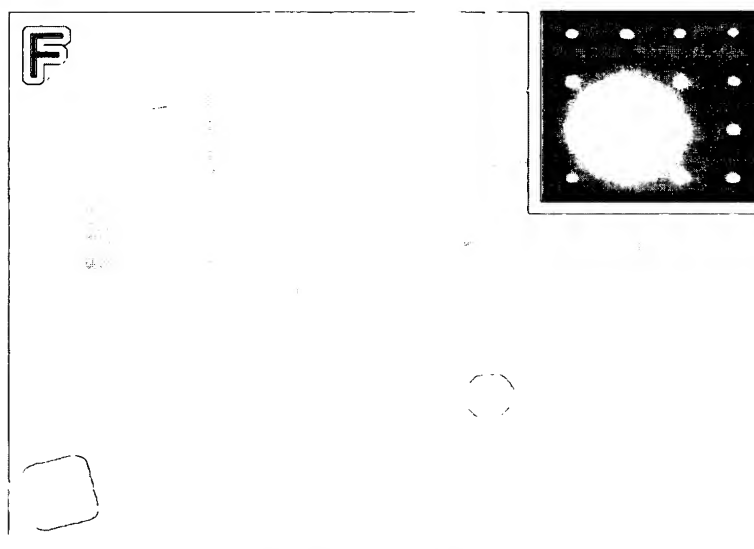
—100 nm

*Fig. 11D*



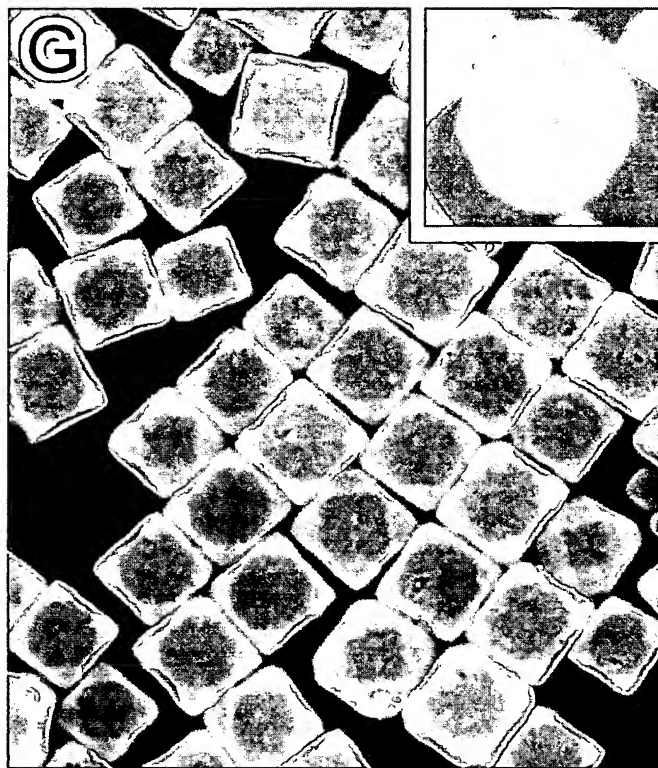
—100 nm

**Fig. 11E**



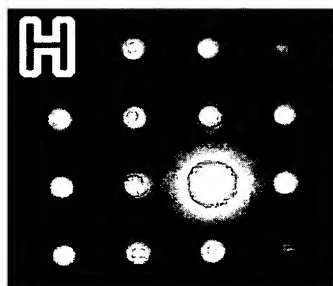
—100 nm

**Fig. 11F**



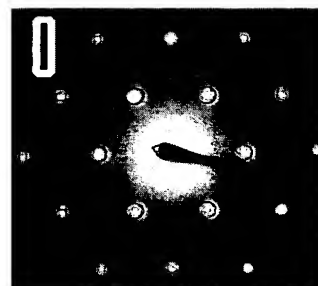
—100 nm

**Fig. 11G**



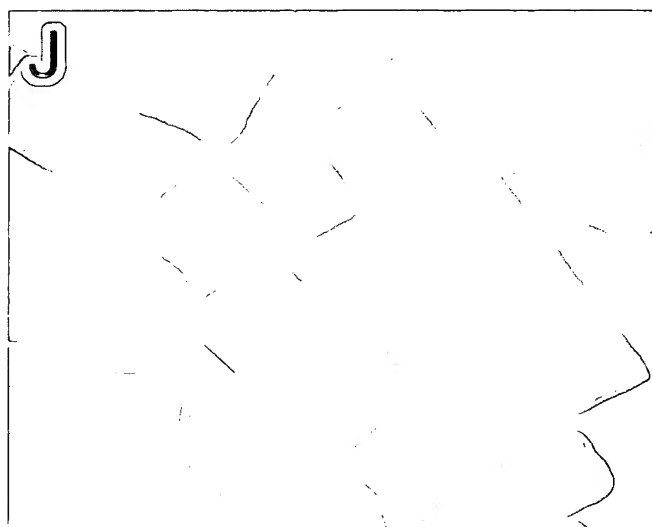
—100 nm

**Fig. 11H**



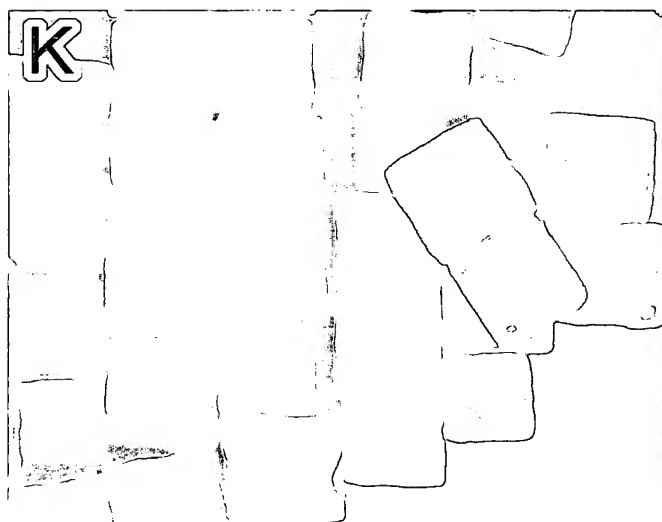
—100 nm

**Fig. 11I**



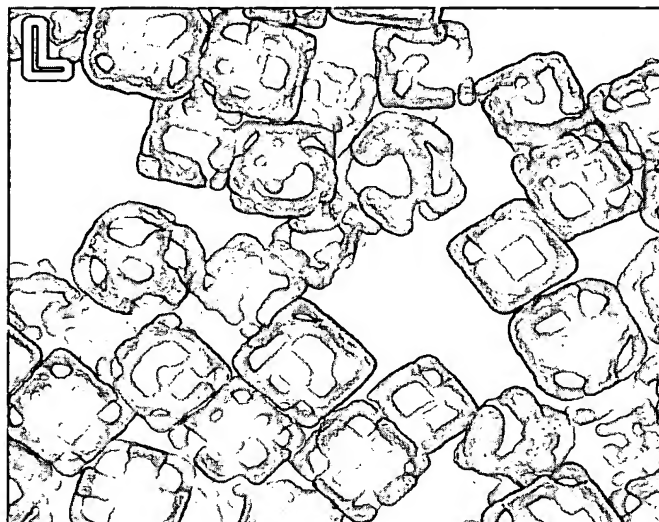
—100 nm

**Fig. 11J**



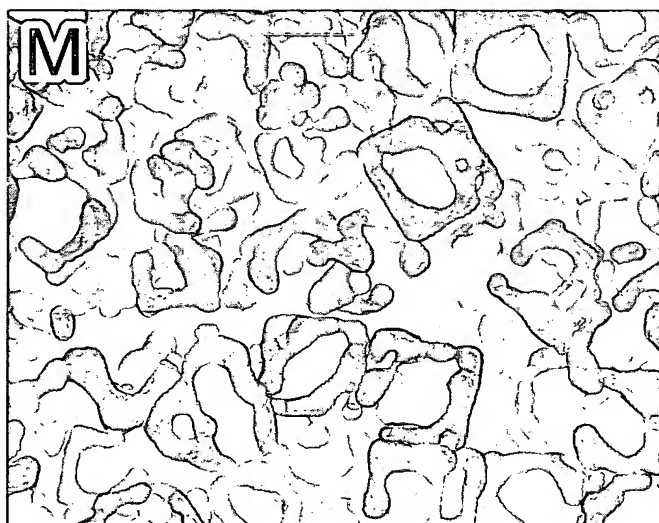
—100 nm

**Fig. 11K**



—100 nm

**Fig. 11L**



—100 nm

**Fig. 11M**

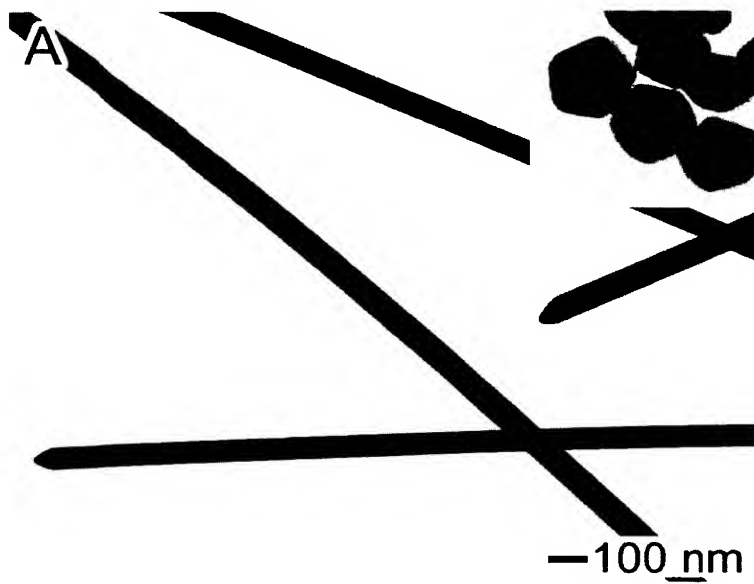


Fig. 12A

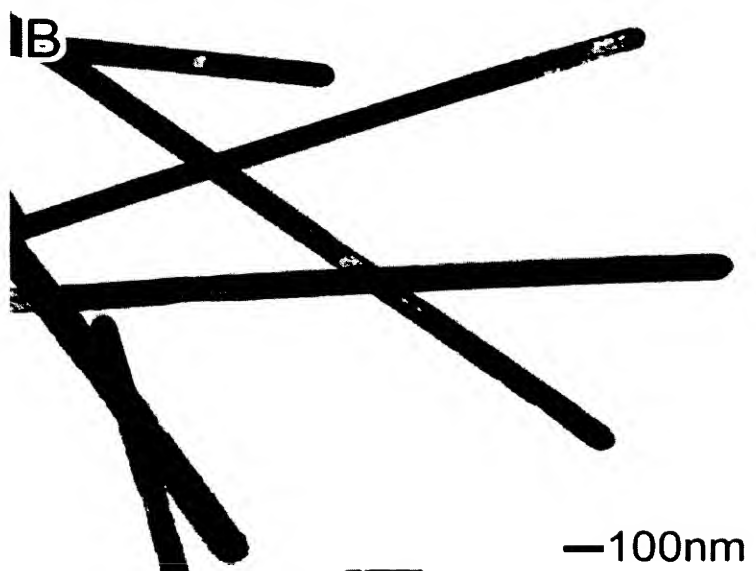
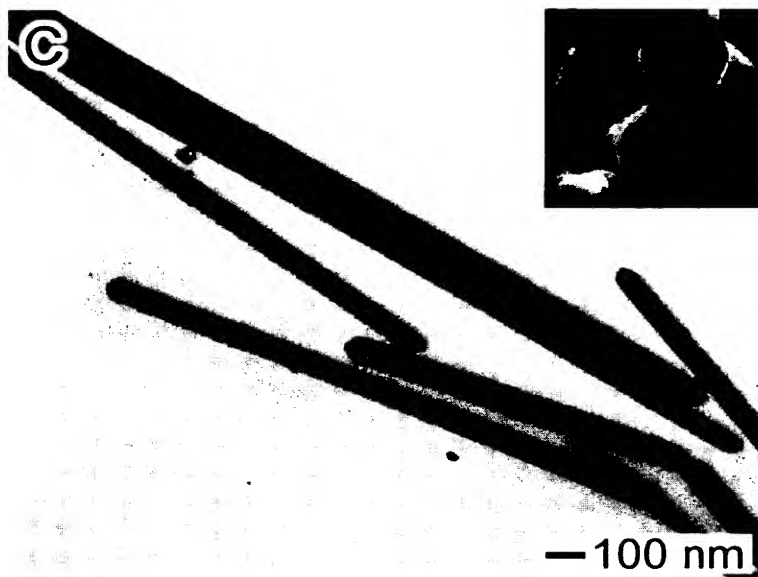
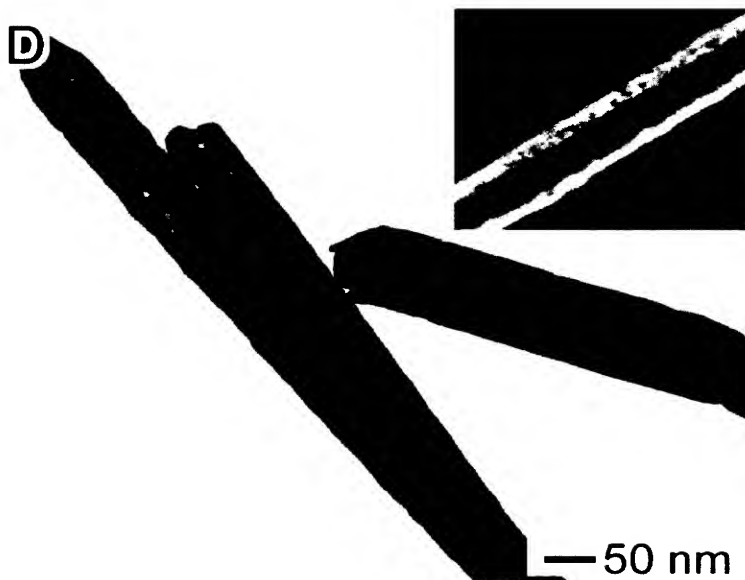


Fig. 12B

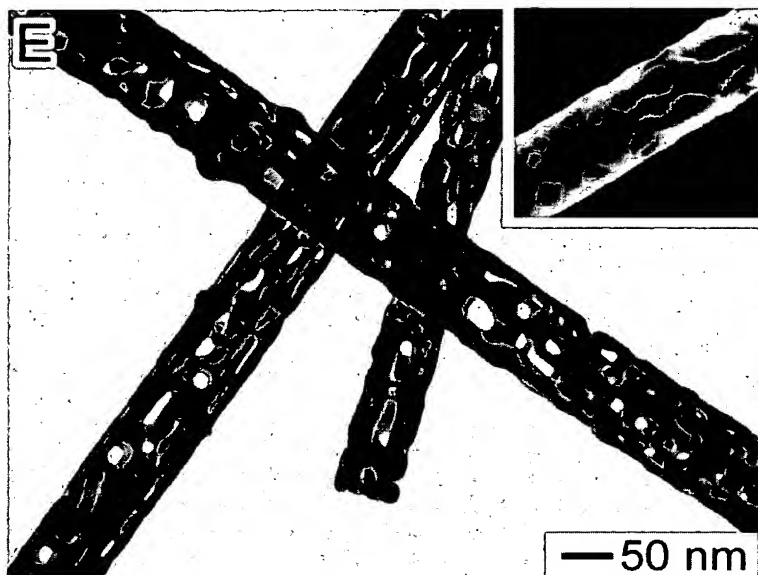


*Fig. 12C*

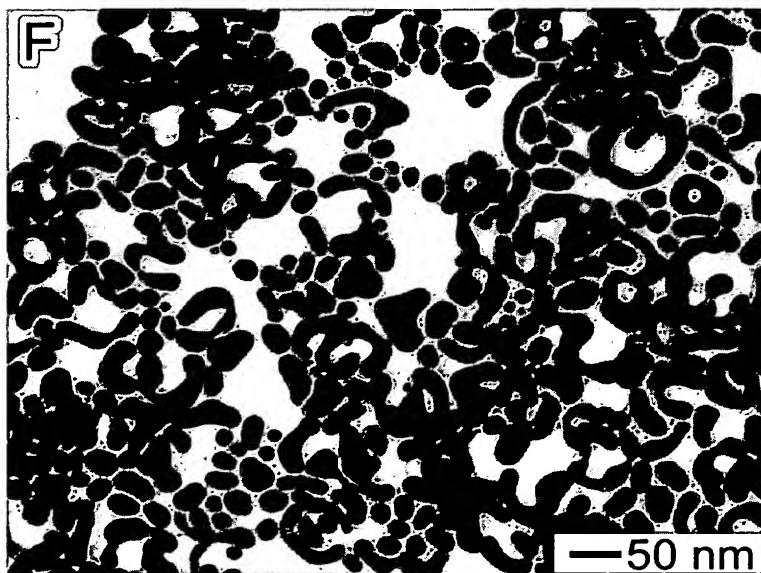


*Fig. 12D*

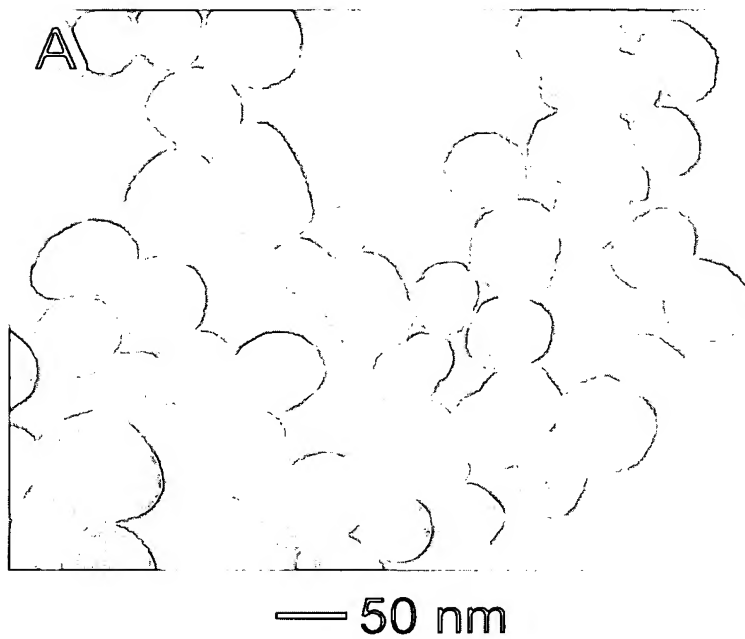




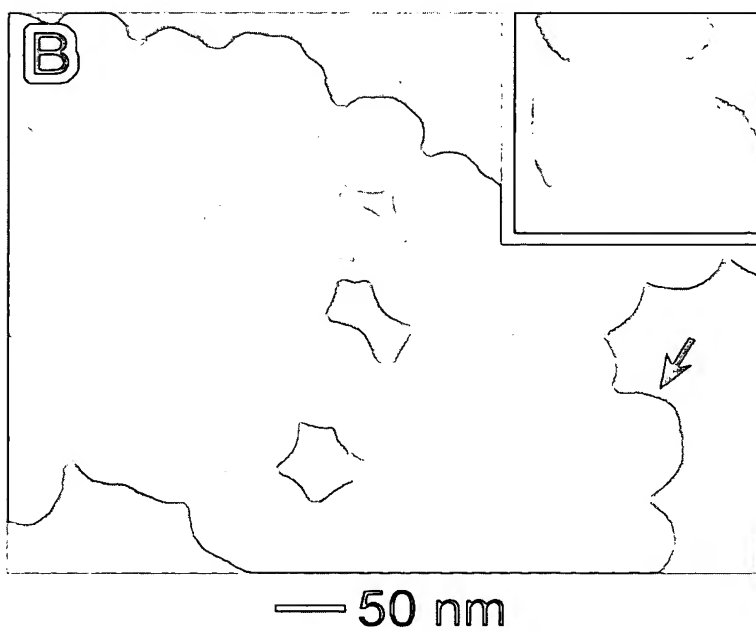
*Fig. 12E*



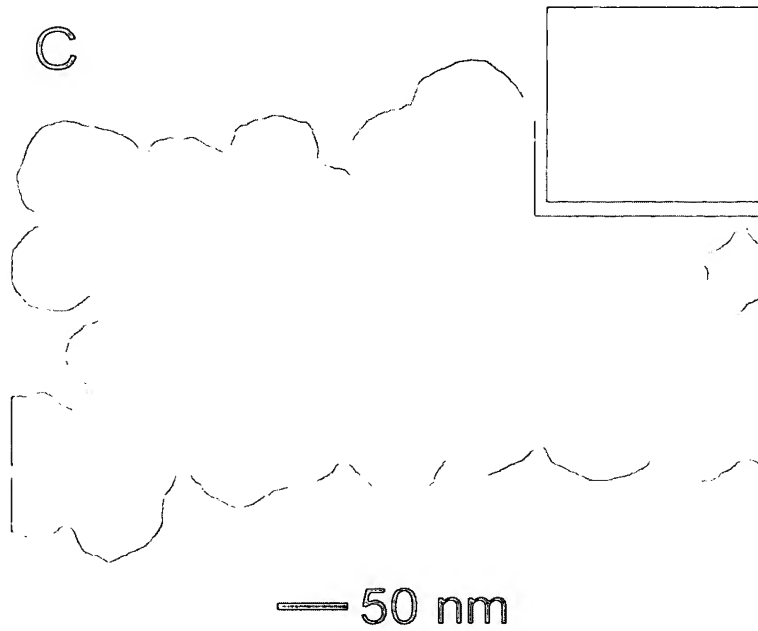
*Fig. 12F*



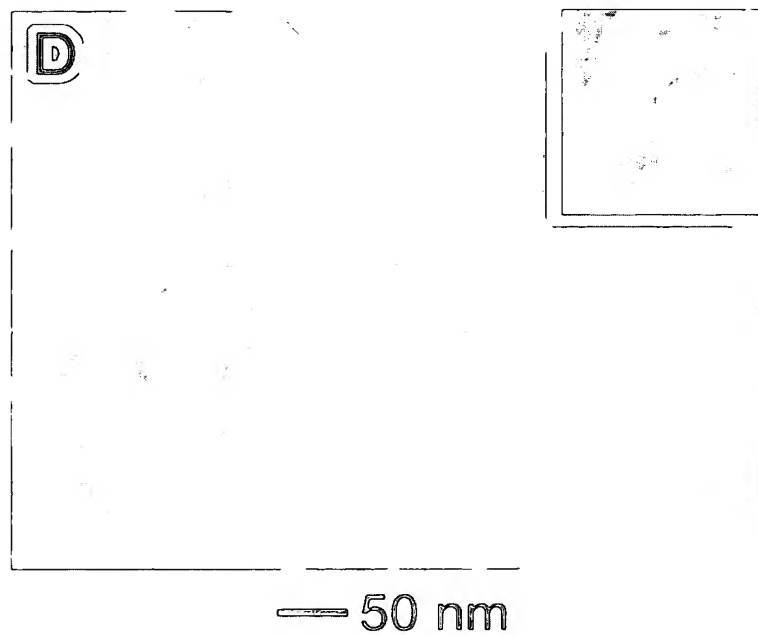
*Fig. 13A*



*Fig. 13B*



**Fig. 13C**

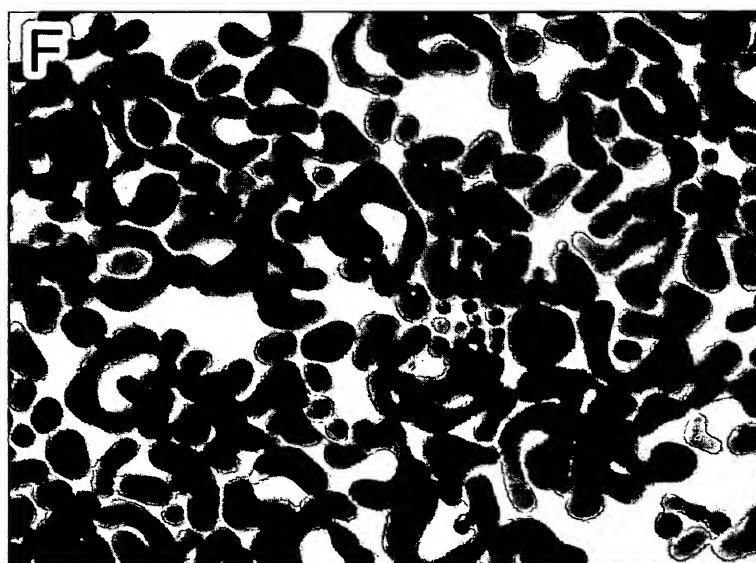


**Fig. 13D**



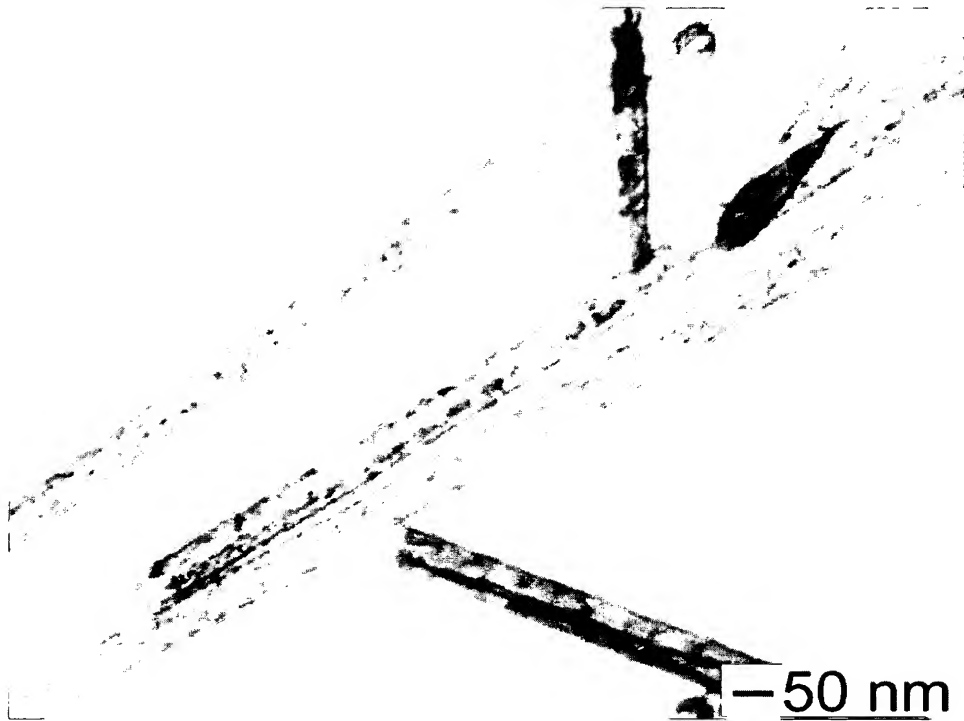
— 50 nm

*Fig. 13E*



— 50 nm

*Fig. 13F*



**Fig. 14**

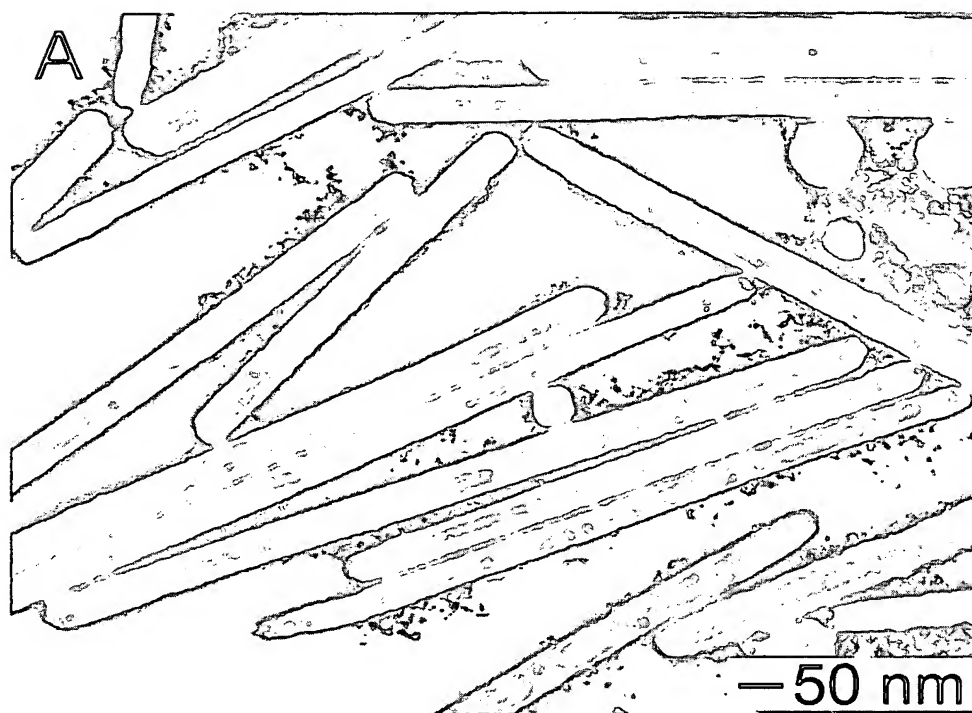


Fig. 15A

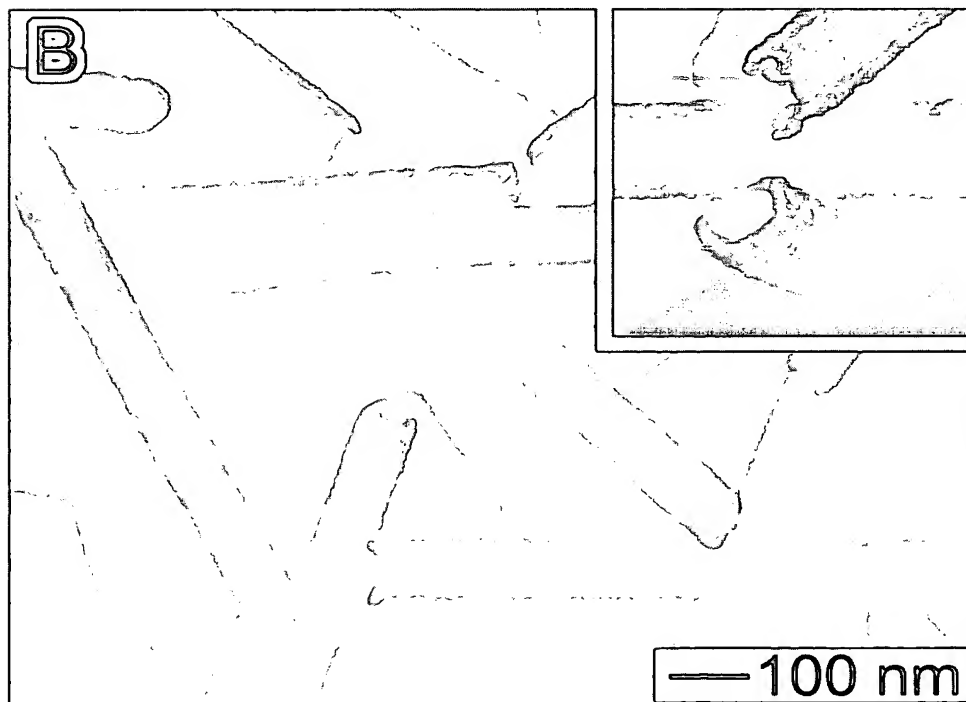


Fig. 15B

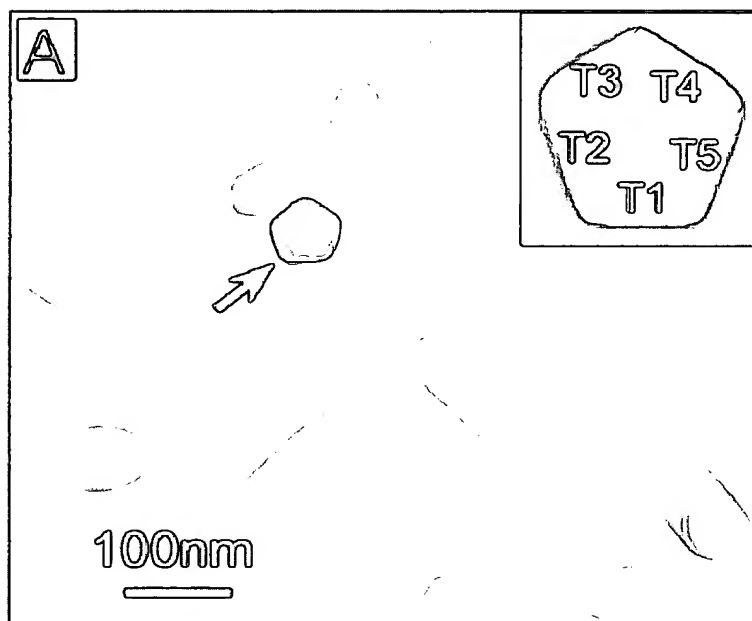


Fig. 16A

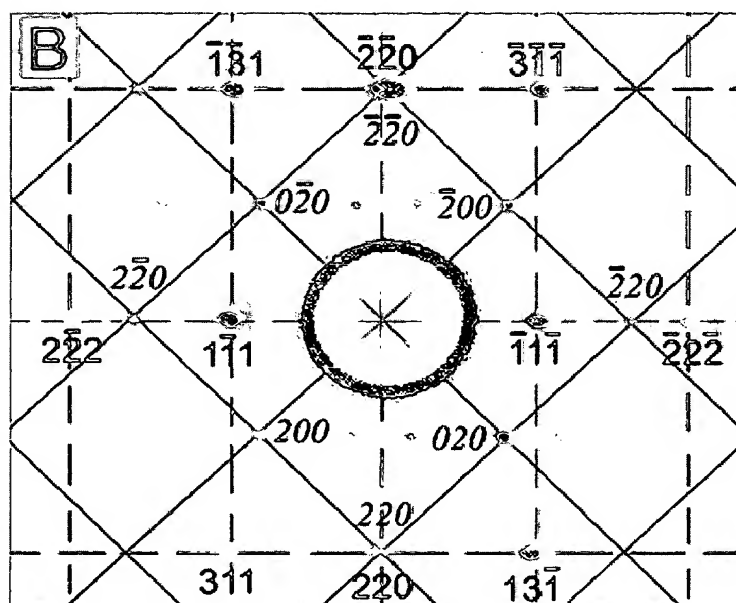
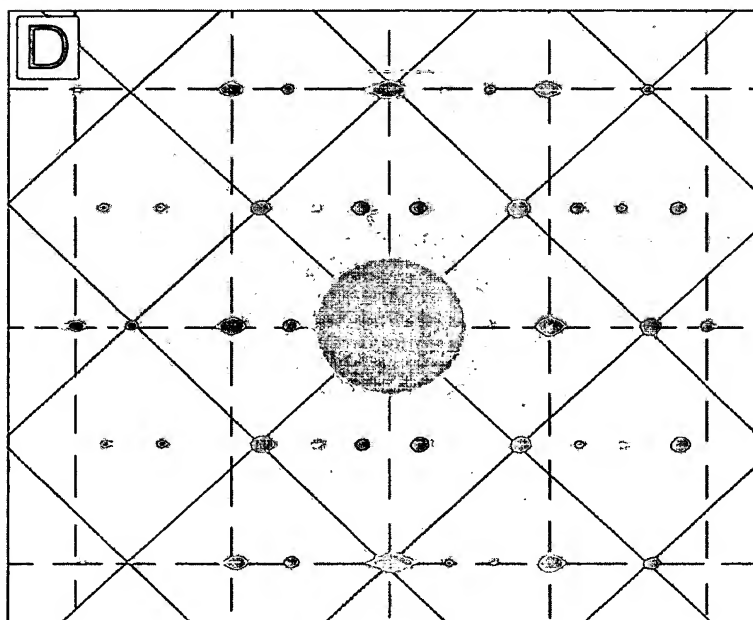


Fig. 16B

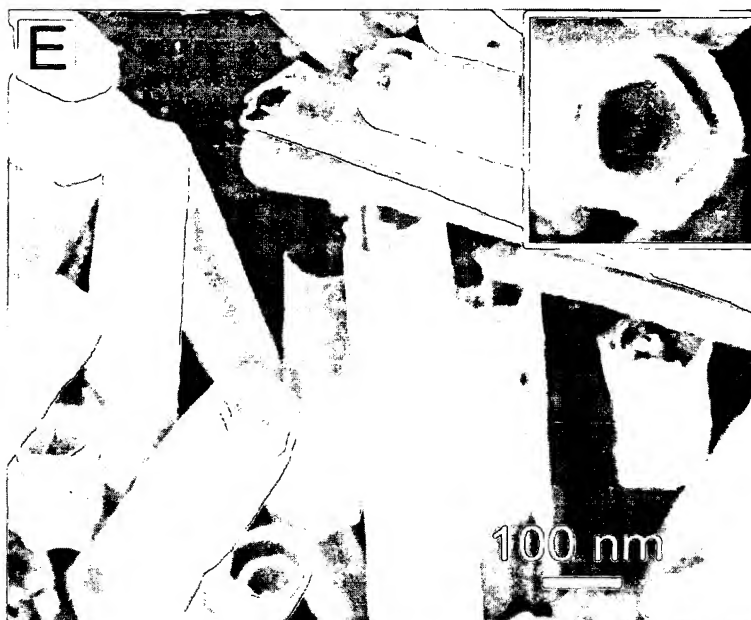


**Fig. 16C**

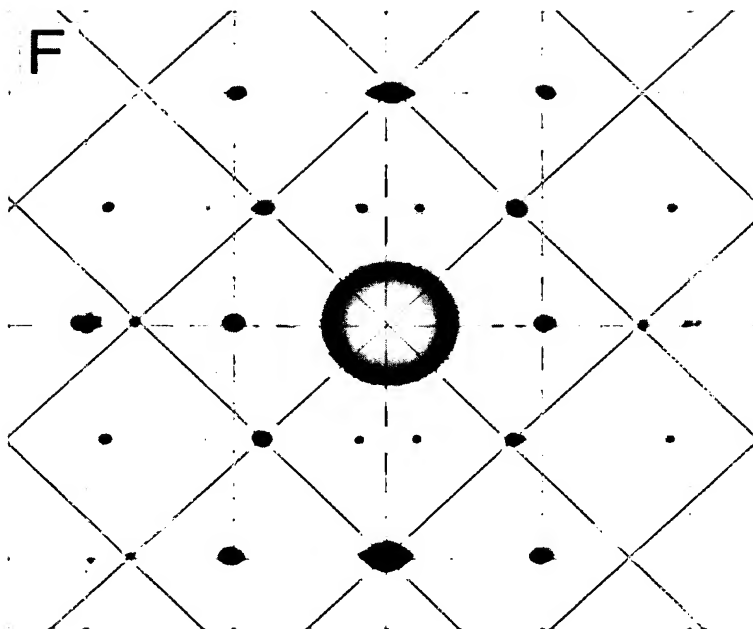


**Fig. 16D**

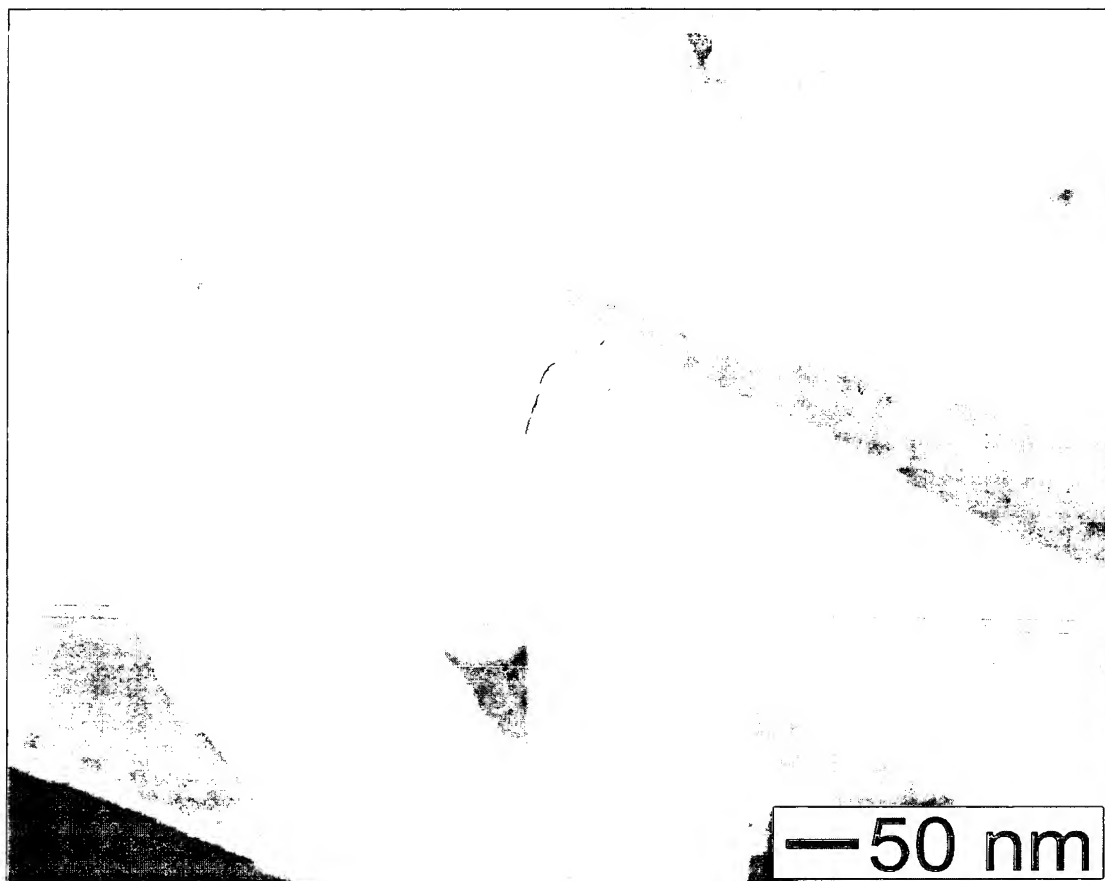




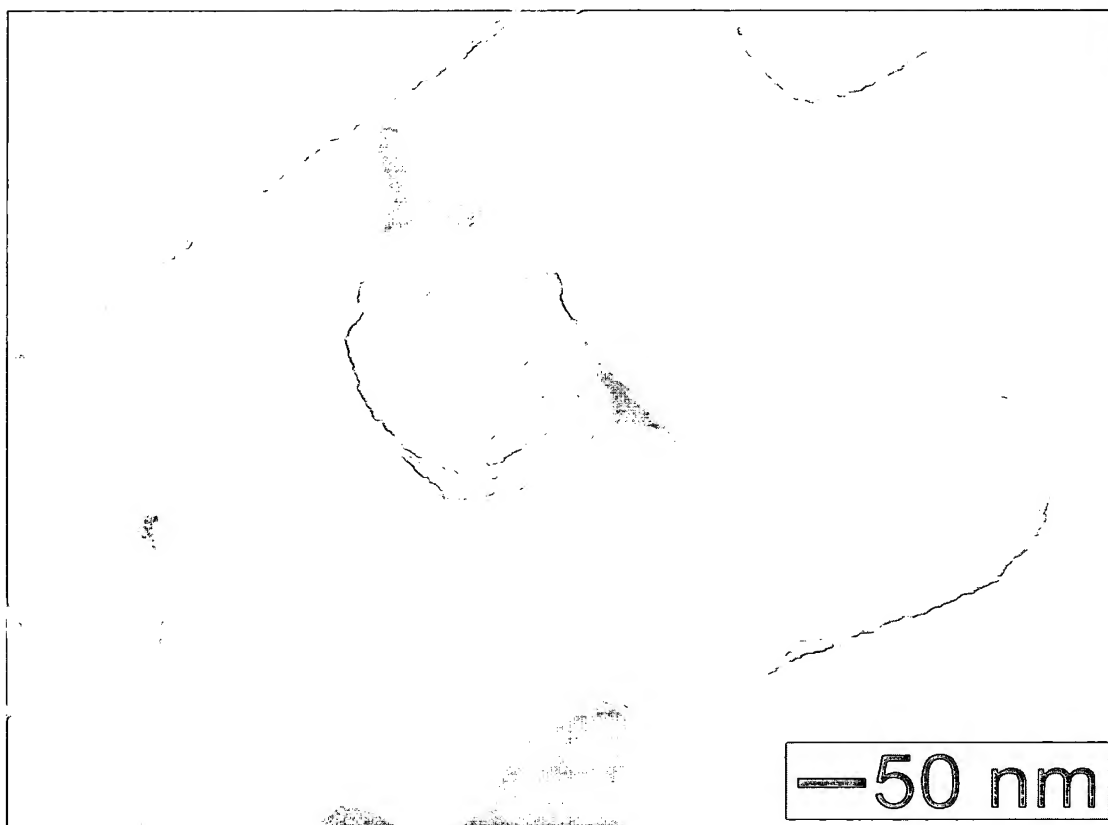
**Fig. 16E**



**Fig. 16F**



**Fig. 17**



**Fig. 18**